

Work Order ID 134329

Wednesday, July 08, 2015 3:09:41 PM

134329

Page 1

Item ID: D2001-4 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Valve Assembly 1/4 inch
 Start Date: 7/07/15 Start Qty: 4.00 ***4*** Cust Item ID:
 Required Date: 7/07/15 Req'd Qty: 4.00 ***4*** Customer:
 Reference:

Approvals: Process Plan: MLS Date: JUL 09 2015 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
 Run Start ***NR1***
 Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2001	Rev C								
100	PURCHASING	0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>29078</u>								
	P/N: 76-101-32 (1/4 NPT)								
	Possible Supplier: Flo-Control Inc.								
	Material release note is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.00							
Packaging	Ensure Material Release Note is attached								
120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control									

CY JUL 09 2015 4
4X SP 15-07-13
④ 15-07-15 DAS
9
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval																	
Description Work Order Deviation			Disposition																		
			Completed By																		
			Lead hand / Supervisor Approval Verification																		
			QC / QA Coordinator Approval																		
Root Cause		FAULT CATEGORY																			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																			
Misidentified ☐	Past Due ☐																				

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Setup Start *NS1*

Stop *NS2*

Customer:

Run Start *NR1*

Stop ***NR2***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

130

Small Fab

Small Fab

Memo

Small Fab

Remove existing ID numbers and replace with Dart P/N & B/N

0.00

0.00

140

QC5- Inspect part completeness to step on W/O

OC

Memo

Quality Control

0.00

0.00

150

Identify as per dwg & Stock Location: ST001 0.00

Packaging

Memo

Packaging

0.00

0.00

DAS
6
9-89

④ JA JUL 20 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Work Order ID 134329***134329***

Page 3

Wednesday, July 08, 2015 3:09:41 PM

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Start Date: 7/07/15 Start Qty: 4.00 ***4*** Cust Item ID:
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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

MLS

JUL 20 2015

Shay 07/20/15

15-7-20

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

Wednesday, July 08, 2015 3:09:40 PM

Page 1

Work Order ID: 134329

134329

Parent Item: D2001-4

D2001-4

Parent Item Name: Valve Assembly 1/4 inch

Start Date: 7/07/15

Required Date: 7/07/15

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP A04.07.06New IssueKJ/RF

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
76-101-32		Purchased	No			110	Each	0.0000	1	4			
76-101-32									**				
VALVE													

YK SP 15-07-13

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

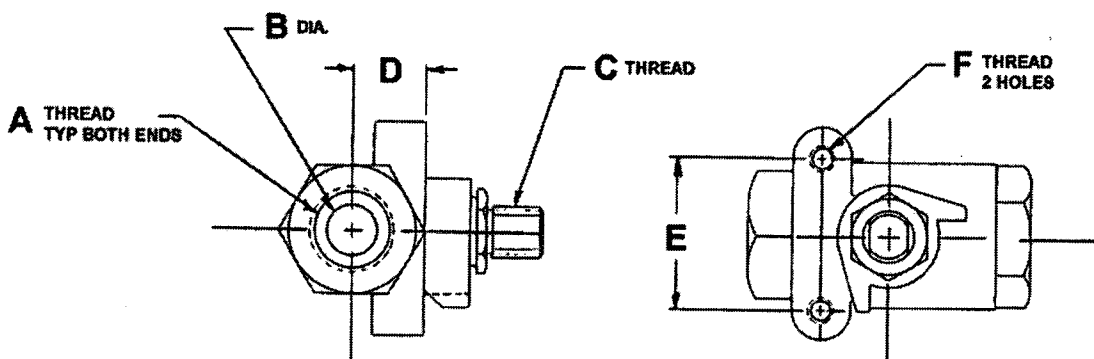
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2001	REV. C SHEET 1 OF 1
DATE 04.07.06		TITLE VALVE ASSEMBLY	SCALE NTS
-	90.04.02	NEW ISSUE	
A	92.05.12	-043 ADDED	
B	96.04.10	DART P/N CHG,041-6,042-12,ADD -16	
C	04.07.06	ADD D2001-4	

RELEASED
04.09.09

SPECIFICATION CONTROL DRAWING



Dart P/N	Apollo P/N	A	B	C	D	E	F
D2001-4 -	76-101-32	1/4 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-6	76-102-01	3/8 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-8	76-103-01	1/2 NPT	0.500	3/8-24 NF	0.60	1.120	10-24 UNC
D2001-12	76-104-01	3/4 NPT	0.680	7/16-20 NF	0.79	1.370	10-24 UNC
D2001-16	76-105-01	1 NPT	0.870	7/16-20	0.99	1.370	10-24 UNC

NOTES:

- 1) POSSIBLE SUPPLIER: FLO-CONTROL INC. OR APOLLO VALVE DIVISION
- 2) DISCARD HANDLE AND ATTACHING NUT, EXCEPT FOR D2001-4
- 3) CHECK DIMENSION SHOWN ON THIS DRAWING
- 4) REFERENCE INFORMATION:

MATERIAL: 316 STAINLESS STEEL
INVESTMENT CAST COMPONENTS
MEETS NACE-MR-01-75
MEETS WW-V-35C TYPE II, COMP SS, STYLE 3
PRESSURE RATING: 2000 PSI @ 100°F
150 PSI @ 400°F

- 5) IDENTIFY WITH DART P/N & B/N USING FINE POINT PERMANENT INK MARKER

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AGREEMENT
WITH FLO-CONTROL
134329
1507-09
MCS

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CONBRACO
INDUSTRIES, INC.

Plt(s) STC _____ Pcs _____

Sold to:						Ship To:																	
FLO-CONTROL INC 80 CENTER RD CARTERSVILLE UNITED STATES GA 30121							DART AEROSPACE 1270 ABERDEEN HAWKESBURY CANADA ON K6A 1K7																
														** ORIGINAL **									
Pieces:		1	Packed By:	SCOTT																			
Weight:		2.70	Pack Date:	7/10/15																			
PPD/COL:		C	Shipped By:	SHIPPRF																			
			Ship Date:	7/10/15																			
			PRO#																				
			ASN#	67075000014403542																			
Cust Nbr.				Cust Order#				Order Nbr.				Date Received:				Salesman:				Ship Via/Instructions:			
01004667				72824				C512347				7/10/15				2				FX01 FDX ACCT# 151793240			
Line Number	Part Number	Part Description										Quantity Ordered	Quantity Shipped	Unit	Customer Part Number / Comments								
1000	7610132A	BV, 1/4"NPT, SS, SS TEE HNDL SHIPPING LOCATION:										4	4	EA	:								

PACKING SLIP



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29078**

Purchase Order Date 7/9/2015 12:53:53 PM
PO Print Date 7/9/2015

Page Number 1 of 1

Order From :

VU-FL0001

FLO-CONTROL INC.
80 CENTER RD.
CARTERSVILLE, GA 30121
US

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

PAID

Contact Name

Vendor Phone 770 382 0006

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
1	76-101-32	VALVE	7/16/2015		4.00	\$52.61	\$210.44
			Yes		Each		
			7/16/2015				

AS PER DWG D2001 REV.C
B134329

Line Total: \$210.44

2	71401-45	PROCUREMENT QUALITY CLAUSES	7/16/2015		1.00	\$0.00	\$0.00
			No				
			7/16/2015				

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A026 certification of material conformance
A040 notification of quality escape
A043 retention of quality documents

SP1507B

Line Total: \$0.00

PO Total: \$210.44

OK CY

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 7/9/2015



Manufactured by Conbraco Industries, Inc.

P.O. Box 125 Pageland S.C. 29728

Phone: [843] 672-6161

Fax: [843] 672-1648

www.apollovalves.com

Certificate of Compliance

Customer: FLO-CONTROL INC

Date: 07/13/15

CII Order# : 512347

PO# : 72824

Part# :

Qty:

Description:

7610132A

4

BV, 1/4"NPT, SS, SS TEE HNDL

This is to certify that the above materials comply with the requirements of the applicable purchase order and the codes and ratings shown in our published catalog of products manufactured by Conbraco Industries, Inc. or as otherwise specified above. All products are manufactured, tested and assembled in the United States of America. All products have met the inspection requirements.

Respectfully,

Steve Causey
Quality Assurance Manager

ES-1510 REV. A

